	Application No.	Applicant(s)
Notice of Allowability	09/480,844	STREET ET AL.
	Examiner	Art Unit	
	Baoquoc N. To	2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *11/08/2005*.

2. ☒ The allowed claim(s) is/are *1,5-14 and 35*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
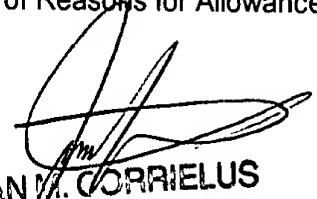
    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
    Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
    Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit
    of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413),
    Paper No./Mail Date *11/11/2005* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

JEAN M. CORRIELUS
PRIMARY EXAMINER

U.S. Patent and Trademark Office

PTOL-37 (Rev. 7-05)   **Notice of Allowability**   Part of Paper No./Mail Date 20051111

DETAILED ACTION

1.   Claims 1-14 and 35 are pending in this application.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Michael J. Marcin, Reg. No. 48,198 on 11/082005 and 11/10/2005.

Please amend the application as follow:

1.   (Currently Amended) A method retrieving and presenting data from a target

system, comprising:

receiving target system information from the target system, wherein the target

system information includes a processor type of the target system and an operating

system type of the target system;

retrieving a set of object description files corresponding to the target system

information, the set of object description files being a set of XML object description files,

wherein retrieving the set of object description files corresponding to the target system

information includes retrieving the set of XML object description files corresponding to

the operating system type of the target system;

sending to a client a set of objects supported based on the set object description

files retrieved;

receiving a select object from the client;

selecting one of the set of object description files corresponding to the selected

object;

retrieving one of a set of data retrieval programs corresponding to the target system information, wherein the set of data retrieval programs is a set of Gopher programs;

retrieving object data about the selected object using the retrieved one of the set of data retrieval programs;

decoding the object data about the user selected object using the selected one of the set of object description files corresponding to the selected object to form decoded object data; and

sending the decoded object data and a presentation format to the client allowing the client to be data driven.

2.   (Cancelled)

3.   (Cancelled)

4.   (Cancelled)

5.   (Currently Amended) The method of claim [[4]] 1 wherein retrieving the set of object description files corresponding to the target system information includes retrieving the set of user-defined XML object description files corresponding to the operating system type of the target system.

8.   (Original) The method of claim 7 wherein retrieving the object data about the selected object includes passing the retrieved one of the set of Gopher through a target interface to retrieve the object data for the selected object from the target system.

10.   (Currently Amended) The method of claim [[3]] 1 wherein the set of XML object description files is stored in an XML object database and the set of Gopher programs is stored in the XML object database.

11.   (Currently Amended) The method of claim [[2]] 1 wherein the set of object description files is a set of XML object description files and the set of data retrieval program is a set of data extraction routines.

35.   (Currently Amended) A device comprising:

a medium; and

a set of instructions recorded on the medium;

wherein the set of instructions, when executed by a processor, cause the processor   to:

receive target system information from the target system, wherein the target system information includes a processor type of the target system and an operating system type of the target system;

retrieve a set of object description files corresponding to the target system information, the set of object description files being a set of XML object description files, wherein retrieving the set of object description files corresponding to the target system information includes retrieving the set of XML object description files corresponding to the operating system type of the target system;

send a client a set of objects supported based on the set of object description files retrieved;

receive the selected object from a client;

select one of the set of object description files corresponding to the selected object;

retrieve one of a set of data retrieval programs corresponding to the target system

information, wherein the set of data retrieval programs is a set of Gopher programs;

retrieve object data about the selected object using the retrieved one of the set of data retrieval programs;

decode the object data about the user selected object using the selected one of the set of object description files corresponding to the selected object to form decoded object

data; and

send the decoded object data and a presentation format to the client allowing the client to be data driven.

Allowable Subject Matter

3.   Claims 1, 5-14 and 35 are allowed over prior art made of record.

The following is an examiner's statement of reasons for allowance:

As to claim 1, none of prior art alone of in combination either teach or suggest "receiving target system information from the target system, wherein the target system information includes a processor type of the target system and an operating system type of the target system; retrieving a set of object description files corresponding to the target system information, the set of object description files being a set of XML object description files, wherein retrieving the set of object description files corresponding to the target system information includes retrieving the set of XML object description files corresponding to the operating system type of the target system; sending to a client a set of objects supported based on the set object description files retrieved; receiving a select object from the client; selecting one of the set of object description files corresponding to the selected object; retrieving one of a set of data retrieval programs corresponding to the target system information, wherein the set of data retrieval programs is a set of Gopher programs; retrieving object data about the selected object using the retrieved one of the set of data retrieval programs; decoding the object data about the user selected object using the selected one of the set of object description files corresponding to the selected object to form decoded object data; and sending the decoded object data and a presentation format to the client allowing the client to be data driven."

Claims 5-14 are depended on claim 1, therefore, they are allowed under the same reason as to claim 1.

Claim 35 is a device containing the instruction to execute by the processor to perform the method recited in claim 1; therefore, the claim 35 is allowed under the same reason as to claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

<u>Patent and Publication</u>

Bernardo et al.	(US. Patent No. 6,684,369 B1)	Patent date: 01/27/2004.
Slaughter et al.	(US. Patent No. 6,643,650 B1)	Patent date: 11/04/2003.
Pittman	(US. Patent No. 6,931,600 B1)	Patent date: 08/16/2005.
Corless	(US. Patent No. 6,885,999 B1)	Patent date: 04/26/2005.
Haverstock et al.	(Pub. No. US 2002/0038357 A1)	Patent date: 03/28/2002.

<u>NPL</u>

Lau. T. Building a hypermedia information system on the Internet, Professional conference, 1994. IPCC'94 Proceeding. 'Scaling New Height Communication', International, Sept 28-Oct 1st 1994, page 192-197.

Usdin et al. XML: not a silver bullet, but a great pipe wrench, StandardView, September 1998, Volume 6, Issue 3, page 125-132.

Chakrabarti Sourmen   Hypertext data mining (tutorial AM-1), Conference on Knowledge Discovery in Data, ACM Press, 2000, Page 1-32.

Onose et al.   XQuery at your web services, Internal World Wide Web Conference, ACM Press, 2004, page 603-611.

Wikes Vanburen Gilbert   XML and the new design regime: dispute between designers, application developers, authors, and readers in changing technological conditions and perceptions of social and professional need, 2002, page 33-42

Contact Information

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) –273-8300   [Official Communication]

BQ To

Nov 11th, 2005

JEAN M. CORRIELUS
PRIMARY EXAMINER